4-246-141-71
030403AMI-DS-SO

Mini Hi-Fi Component System
JAX-N1

OPERATING INSTRUCTIONS En (English)

INSTRUCCIONES DE MANEJO E (Español)

MODE D'EMPLOI F (Français)

COMPACT disc DIGITAL AUDIO

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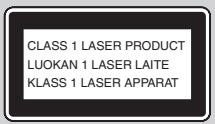
WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.
To avoid electrical shock, do not open the cabinet.
Refer servicing to qualified personnel only.

Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.



This appliance is classified as a CLASS 1 LASER product.

This label is located on the rear exterior.

To prevent fire, do not cover the ventilation of the apparatus with newspapers, table-cloths, curtains, etc. And don't place lighted candles on the apparatus.

To prevent fire or shock hazard, do not place objects filled with liquids, such as vases, on the apparatus.

Don't throw away the battery with general house waste, dispose of it correctly as chemical waste.

As an ENERGY STAR® Partner, Sony Corporation has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

En

PRECAUTIONS

On operating voltage
Before operating the system, check that the operating voltage of your system is identical with the voltage of your local power supply.

On safety
- The unit is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the unit itself has been turned off.
- Unplug the system from the wall outlet (mains) if it is not to be used for an extended period of time. To disconnect the cord (mains lead), pull it out by the plug. Never pull the cord itself.
- Should any solid object or liquid fall into the component, unplug the stereo system and have the component checked by qualified personnel before operating it any further.
- The AC power cord must be changed only at a qualified service shop.

On placement
- Place the unit in a location with adequate ventilation to prevent heat build-up the unit.
- Do not place the unit in an inclined position.
- Do not place the unit in locations where it is;
  - Extremely hot or cold
  - Dusty or dirty
  - Very humid
  - Vibrating
  - Subject to direct sunlight.

On heat buildup
- Although the unit heats up during operation, this is not malfunction.
- Place the unit in a location with adequate ventilation to prevent heat build-up in the unit.

If you continuously use this unit at a large volume, the cabinet temperature of the top, side and bottom rises considerable. To avoid burning yourself, do not touch the cabinet.

On operation
- If the system is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens inside the CD player. Should this occur, the system will not operate properly. Remove the CD and leave the system turned on for about an hour until the moisture evaporates.
- When you move the system, take out any discs.

Notes on discs

- Discs recorded on CD-R/RW drives may not be played back because of scratches, dirt., recording condition or the drive's characteristics.
- CD-R/RW discs which are not finalized at the end of recording cannot be played back.
- Do not attach adhesive label, etc. to either side of a CD-R/RW disc, as doing so may cause malfunction.
- Do not load an unrecorded CD-R/RW disc. The disc may be damaged.
- Discs with non-standard shapes (e.g., heart, square, star) cannot be played on this unit. Attempting to do so may damage the unit. Do not use such discs.
- DVD, SACD, CD-ROM, VCD, and CD with MP3 files cannot be played on this unit.

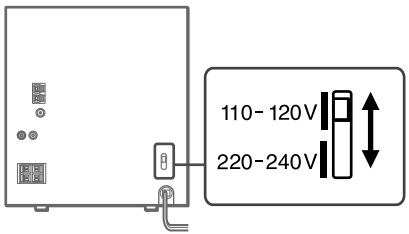
Music discs encoded with copyright protection technologies

This product is designed to playback discs that conform to the Compact Disc (CD) standard. Recently, various music discs encoded with copyright protection technologies are marketed by some record companies. Please be aware that among those discs, there are some that do not conform to the CD standard and may not be playable by this product.

If you have any questions or problems concerning your stereo system, please consult your nearest Aiwa dealer.

IMPORTANT: Check your AC voltage!!

The unit's AC voltage can be switched between 110 - 120V and 220 - 240V. *Before connecting the AC cord, check that the AC voltage selector, found at the rear of your set, is set correctly to match your local voltage.* If necessary, switch voltage with a screwdriver or a similar tool.



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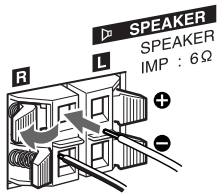
En

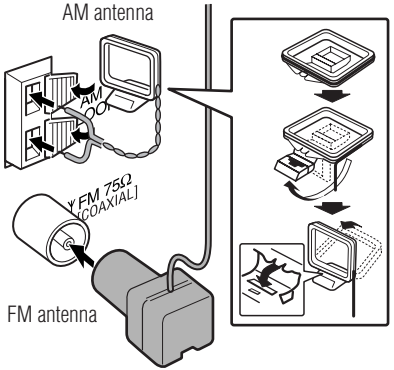
Connection

Plug in the AC power cord to the AC power outlet after all other connections are made.

1 Connect the front speakers.
Connect the right front speaker (marked with "R") to the SPEAKER R terminals and place it on the right side of the unit. Connect the left (marked with "L") to the SPEAKER L terminals and place it on the left side. The speaker cords with the black stripes go to the ⊖ terminals.



2 Connect the supplied antennas.
Connect the FM antenna to the Y FM 75 Ω terminal and the AM antenna to the AM LOOP terminals.

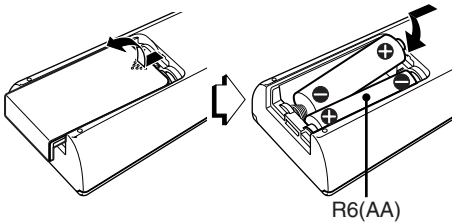


3 Connect the AC power cord to a wall outlet.
When the AC power cord is connected to a wall outlet for the first time, DEMO appears in the display.
To deactivate the DEMO, press ► (►/◄►on the remote).

- Do not short-circuit the ⊕ and ⊖ speaker cord leads.
- Do not leave objects generating magnetism or objects affected by magnetism near the speakers.

Remote

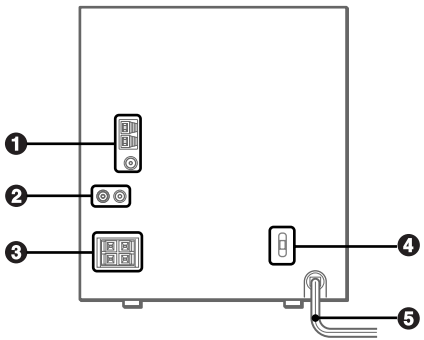
Detach the battery compartment lid at the rear of the remote and insert two R6 (size AA) batteries with correct polarity.



- Replace the batteries with new ones when the operational distance between the remote and main unit becomes shorter.
- Remove the batteries if the unit is not going to be used for an extended period of time.
- The remote may not operate if it is used under intense sunlight, etc., or if its line of sight is obstructed.

Main unit: rear

Refer to the pages indicated in parentheses for details.



1 AM LOOP, Y FM 75 Ω terminals (4)
Plug in the supplied AM and FM antennas here.

2 VIDEO/AUX jacks
Accepts analog sound signals from external equipment. Connect using an optional connecting cable with RCA phono plugs (red plug to R jack, white plug to L jack). Refer also to the operating instructions of your equipment. To switch function to external input, press VIDEO/AUX.

Tip:
To change the displayed name for this function, turn the unit on, then hold down VIDEO/AUX and press POWER on the unit. Repeat the procedure to select "VIDEO", "AUX" or "TV".

3 ▷ SPEAKER terminals (4)
Connect the speaker cord of the supplied front speakers here.

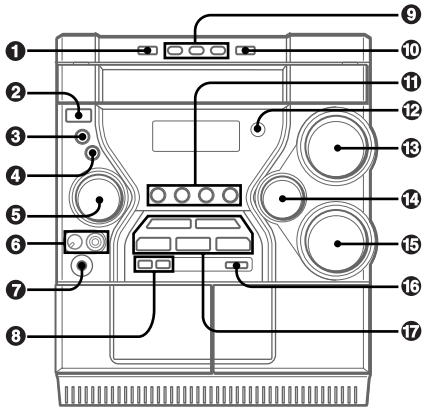
4 AC voltage selector
Switches AC voltage between 110 - 120V and 220 - 240V. Make sure it matches your local voltage.

5 AC power cord (4)

En

Main unit: front

Refer to the pages indicated in parentheses for details.



❶ **DISC CHANGE (10)**
Rotates the CD trays.

❷ **POWER ⏻STANDBY/ON (8)**
Switches the unit on and off (standby).
The red indicator flashes when receiving a signal from the remote.

❸ **MODE (8-11, 17)**
Selects various modes (ECO and Repeat/Shuffle/Programed playback, etc.) when used in combination with ENTER and MULTI JOG.

❹ **ENTER (8-12, 17, 19, 20)**
Fixes the modes and the time (ECO, Repeat/Shuffle/Programed playback, clock, and timer, etc.) when used in combination with ENTER and MULTI JOG.

❺ **MULTI JOG (8-12, 14-17, 19, 20)**
When used in combination with ENTER and MULTI JOG,
CD: selects a track and Repeat/Shuffle/Programed playback.
Tuner: selects a preset station.
Tape: specifies tape length.
Clock and Timer: sets the time.
i-Bass: selects a frequency range.
Spectrum analyzer, ECO and Dimmer: selects the mode.

❻ **MIC MIXING (18)**
Adjusts the microphone volume.

MIC jack (18)
Connects the microphone here.

❼ **PHONES jack**
Plug in here an optional headphones set with a mini stereo plug (ø3.5 mm). Speaker output is canceled.

❽ **SYNC DUB (15)**
Starts dubbing a whole tape.

●REC/REC MUTING (14, 15)
Starts recording.

❾ **DISC DIRECT PLAY 1-3 (10)**
Selects a disc.

❿ **⏏OPEN/CLOSE (10)**
Opens or closes the disc compartment.

⓫ **TAPE A/B (14)**
Selects Tape function, and deck A or B.

TUNER/BAND (12)
Selects Tuner function and the radio band.

VIDEO/AUX (5)
Selects the function of external equipment connected to VIDEO/AUX jacks.

CD (10)
Selects CD function.

⓬ **Remote sensor**
Receives a signal from the remote.

⓭ **VOLUME (8)**
Adjusts the volume.

⓮ **TREBLE (17)**
Enhances high frequency sound.

⓯ **BASS (17)**
Emphasizes low frequency sound.

⓰ **i-Bass (17)**
Produces rich and clear low frequency sound.

⓱ **►PLAY/PRESET (8, 10, 12, 14)**
When the unit is turned off: activates or deactivates DEMO.
CD and Tape: starts playback.
Tuner: tunes into a preset station.

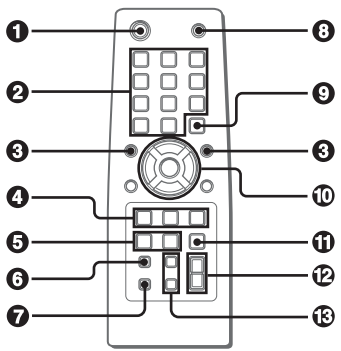
■STOP/CLEAR (10, 12, 14)
CD and Tape: stops playback.
Tuner: clears a station preset.

◄◄TUNING DOWN, ►►TUNING UP (10, 12, 14)
CD: searches a track in fast forward or fast reverse playback when held down.
Tape: fast forwards or rewinds the tape.
Tuner: manually tunes down or up within the band.

❚❚PAUSE/SET (10, 12, 14)
CD and Tape: pauses playback.
Tuner: stores the received station in to preset.

Remote control

Refer to the pages indicated in parentheses for details.



Buttons with the same or similar names with the main unit basically have the same function.

❶ **POWER (8)**

❷ **1-0/10, +10 (10-12)**
CD: selects a CD track of the specified number.
Tuner: tunes in to the station with the specified preset number.

The numbered buttons take on these functions below when pressed with SHIFT held down:

EDIT (15, 16)
Enters AI Edit Recording or Programed Edit Recording mode when pressed in stop mode.

BAND (12)
Selects Tuner function and the radio band.

TAPE A/B (14)

TUNER MODE (13)
Switches between stereo or monaural FM reception.

KARAOKE (18)
Selects a Multiplex mode.

❸ **I◄◄, ►►I (9-12, 15-17, 19, 20)**
CD: selects a track.
Tuner: selects a preset station.
Tape: specifies tape length.
BASS and TREBLE: adjusts the level.
Clock and Timer: sets the time.

❹ **PLAY MODE (11)**
Selects Shuffle or Programed playback in CD function.

REPEAT (10)
Enters CD repeat playback mode.

ENTER (8-12, 17, 19, 20)

❺ **CLOCK/TIMER/SET (19, 20)**
Enters timer setting mode.

CLOCK/TIMER/SELECT (19, 20)
Selects timer playback, timer recording or timer off.

❻ **DISPLAY (9, 10)**
Displays the time and the remaining time for CD.

❼ **SHIFT**
Hold down when pressing a numbered button to change its function to that printed above the number.
e.g.)
"Press **SHIFT+BAND** on the remote" indicates "Hold down SHIFT and press '2' (BAND)". Doing so makes you be able to select Tuner function and the radio band.

❽ **FUNCTION**
Switches the active function among CD, TAPE, TUNER and VIDEO (AUX or TV).

❾ **DISC SKIP (10)**
Select a disc.

❿ **►/◄► (8, 10, 14)**
When the unit is turned off: activates or deactivates DEMO.
CD and Tape: starts playback.

■ (10, 14)
CD and Tape: stops playback.

◄◄,►► (10, 12, 14)
CD: searches a track in fast forward or fast reverse playback when held down.
Tape: fast forwards or rewinds the tape.
Tuner: manually tunes down or up within the band.

❚❚ (10, 14)
CD and Tape: pauses playback.

⓫ **SLEEP (19)**
Switches the sleep-timer on/off and selects the duration.

⓬ **VOLUME (+, —) (8)**
Adjusts the volume.

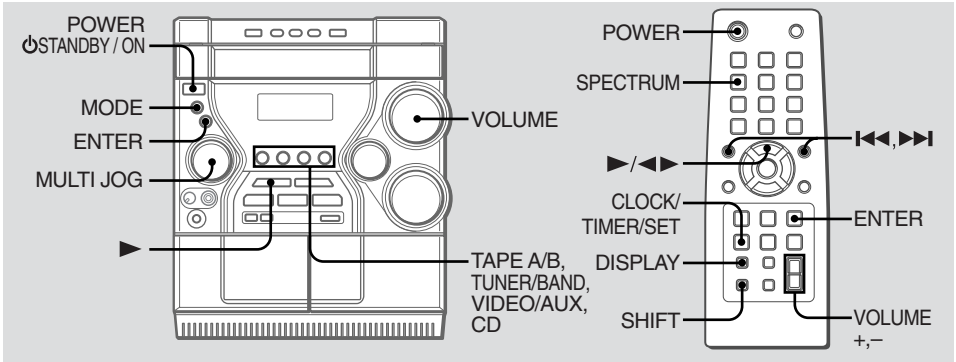
⓭ **SOUND (17)**
Selects BASS or TREBLE setting mode

CLEAR (11, 12)
Clears a track of the CD programed playback and a Radio preset station.

Note

The buttons not explained above (**ALBUM** ∧, ∨ and **SPECTRUM**) do not operate for this unit.

En



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Power

Turning the unit on

Press POWER ⏻STANDBY/ON (POWER on the remote). Pressing TAPE A/B, TUNER/BAND, VIDEO/AUX or CD also turns the unit on (Direct Play Function.) When a disc or tape is inserted, the playback will start automatically.

Turning the unit off

Press POWER ⏻STANDBY/ON again.
The unit goes into standby.

Volume

Turn VOLUME (Press VOLUME +, — on the remote).
Adjust from 0 (minimum) to 30 and MAX (maximum).

Tip:

Volume level setting is retained during power-off standby: If the unit is turned off with the volume set to 17 or more, it is automatically set to 16 the next time the unit is turned on.

DEMO

You can enjoy DEMO in the display when the unit is turned off.

To activate or deactivate the DEMO

Press ► (►/◄►on the remote) when the unit is turned off.

ECO mode

Saves the power consumption while the unit is turned off (in standby mode).

1 Press MODE repeatedly until "ECO MODE?" appears in the display and then press ENTER.

2 Turn MULTI JOG to select "ECO ON" and then press ENTER.
In the ECO ON mode, the unit blacks out when the unit is turned off. Only the red indicator on POWER button lights up.

If there is no MULTI JOG or button operation within 6 seconds, the setting is canceled.

To cancel the ECO mode

Repeat the above and select "ECO OFF" in step 2.

Dimmer

Adjusts the brightness of the display.

1 Press MODE repeatedly until "DIMMER ?" appears in the display when the unit is turned on and then press ENTER.

2 Turn MULTI JOG to select one of the three dimmer modes or "OFF" and then press ENTER.
"OFF" is the brightest and "DIMMER 3" is the dimmest.
If there is no MULTI JOG or button operation within 6 seconds, the setting is canceled.

To cancel the dimmer
Repeat the above and select "OFF" in step 2 .

Setting the clock

Use the remote.

1 Press CLOCK/TIMER/SET.
Go to step 3 when the time appears and the 'hour' flashes.

2 Press ⏮ or ⏭ repeatedly until "CLOCK SET" appears in the display and then press ENTER.

3 Press ⏮ or ⏭ repeatedly to set the hour and then press ENTER.

4 Press ⏮ or ⏭ repeatedly to set the minute and then press ENTER.
The time display stops flashing and the clock starts from 00 seconds.

• MULTI JOG is also available in place of ⏮ or ⏭.

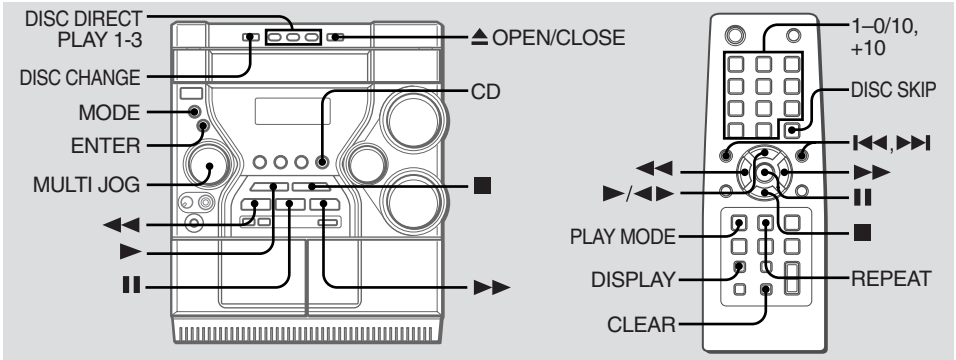
To display the time
Press DISPLAY on the remote. The time will be displayed for 6 seconds.

Tip:
"AM 12:00" indicates midnight and "PM 12:00" noon.

If "- -:- -" appears when the unit is turned off
There has been a power interruption. Re-set the clock.

En

CD OPERATIONS



En

This unit plays back finalized CD-R/RW discs as well as audio CDs.

Playback

1 Press CD and load disc(s).
Press ⏏OPEN/CLOSE to open the disc compartment and place one or two disc(s) with the labelled side up.
To place three discs, press DISC CHANGE so that the trays rotate, then place the third one. Lastly, close the compartment with ⏏OPEN/CLOSE.
- When loading an 8-cm (3-inch) disc, place it on the inner circle of the tray.

2 To play all discs, press ▶(▶/◀▶ on the remote), then "ALL DISCS" lights up in the display.
To play one desired disc, press DISC DIRECT PLAY 1-3, then "1 DISC" lights up in the display.

A playing disc indicator flashes in the display.

To stop playback
Press ■.

To pause playback
Press ❚❚. Press again to resume playback.

To select a track
Turn MULTI JOG or press ⏮ or ⏭ on the remote repeatedly.
With the numbered buttons on the remote,
- To select track 10, press 0/10.
- To select track 20, press +10, +10 and 0/10.
- To select track 25, press +10, +10 and 5.

To search (playback in fast forward or fast reverse)
Hold down ◀◀ or ▶▶. Release at the desired point.

To select a disc
Press DISC DIRECT PLAY 1-3 or DISC SKIP on the remote.

To display the remaining time of the track or the disc
Press DISPLAY on the remote repeatedly during playback. The display changes cyclically as follows:
→ Track number and elapsed playing time of the current track
Track number and remaining time of the current track
Remaining time of the current disc
Clock display (for 6 seconds)

To replace disc(s) during playback without interruption
While one disc is being played back, press DISC CHANGE so that the compartment opens, replace disc(s) with other one(s), and press DISC CHANGE to close the compartment.

Repeat playback

Plays all the tracks or one track on the discs repeatedly.

1 Press MODE repeatedly until "REPEAT?" appears in the display and then press ENTER.

2 Turn MULTI JOG to select one of the two repeat modes as below or "REPEAT OFF", and then press ENTER.
- "REPEAT ALL":
  For all the tracks on one desired disc or all discs up to 5 times. "↻" lights up.
- "REPEAT 1":
  For a single track only. "↻1" lights up.

If there is no MULTI JOG or button operation within 6 seconds, the setting is canceled.

3 To play one desired disc, press DISC DIRECT PLAY 1-3.
To play all discs, press ▶(▶/◀▶ on the remote).

On the remote, press REPEAT repeatedly until "↻" or "↻1" appears and carry out step 3.

To cancel repeat playback
Carry out step 1 and 2, and select "REPEAT OFF" in step 2. On the remote, press REPEAT repeatedly until "↻" and "↻1" disappear.

Shuffle playback

Plays the tracks on one desired disc or all discs in random order.

1 Press MODE repeatedly until "PLAY MODE?" appears in the display in stop mode and then press ENTER.

2 Turn MULTI JOG to select "SHUFFLE" and then press ENTER.
"SHUF" lights up.

If there is no MULTI JOG or button operation within 6 seconds, the setting is canceled.

3 To play one desired disc, press DISC DIRECT PLAY 1-3.
To play all discs, press ►(►/◄►on the remote).

On the remote, press PLAY MODE repeatedly until "SHUF" lights up and carry out step 3.

To cancel shuffle playback
Carry out step 1 and 2, and select "CONTINUE" in step 2. On the remote, press PLAY MODE repeatedly until "SHUF" and "PGM" disappear.

Programed playback

Plays back up to 30 selected tracks in programed order.

1 Press MODE repeatedly until "PLAY MODE?" appears in the display in stop mode and then press ENTER.

2 Turn MULTI JOG to select "PROGRAM" and then press ENTER.
"PGM" lights up.

If there is no MULTI JOG or button operation within 6 seconds, the setting is canceled.

3 Press DISC DIRECT PLAY 1-3 to select a disc.
Go to the next step when the tray stops rotating.
On the remote, press DISC SKIP.

4 Turn MULTI JOG to select a track and then press ENTER.
The selected track number and the program number appear in the display.
On the remote, press ⏮ or ⏭ and then press ENTER or press the numbered buttons:
-To select the 10th track, press 0/10.
-To select the 20th track, press +10, +10 and 0/10.
-To select the 25th track, press +10, +10 and 5.

5 Repeat step 3 and 4 to program other tracks.

6 Press ►(►/◄►on the remote).

On the remote, press PLAY MODE repeatedly until "PGM" lights up and carry out step 3 to 6.

- During programed playback, you cannot select a disc or a track with the numbered buttons.
- If the total playback time of the program exceeds 99:59 minutes, or if a track with a track number exceeding 30 is programed, the playing time is displayed as "- -:- -".
- You cannot program more than 30 tracks. "FULL" is displayed.

To clear a track
Press CLEAR on the remote in stop mode. A track is cleared from the end of the program.

To clear the entire program
Press ■ in stop mode.

To add tracks to the program
Repeat step 1 to 4 before starting playback. The tracks are added to the end of the program.

To cancel programed playback
Carry out step 1 and 2, and select "CONTINUE" in step 2. On the remote, press PLAY MODE repeatedly until "PGM" and "SHUF" disappear.

- The program contents are retained even if the program is canceled or after programed playback finishes. The same program plays back if you carry out step 1, 2 and 6.

Notes on CDs

- Do not place more than one disc on one tray.
- Do not tilt the unit with discs loaded.

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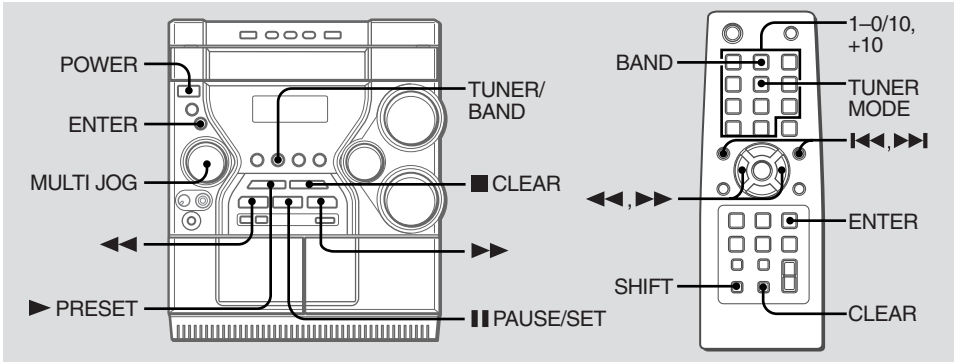


Manual tuning

1 Press TUNER/BAND (SHIFT+BAND on the remote) repeatedly to select a band (FM or AM).

2 Press ◄◄ or ►► to tune in to a station.
"TUNE" appears when a station is tuned in.
"((( ))) " lights up for FM stereo reception.

To search for a station automatically (Auto Search)
Hold down ◄◄ or ►►.
The unit searches for a station up or down the band and stops at reception.
To stop the search manually, press ◄◄ or ►►.

• Auto Search may not stop at stations with weak signals.

Preset tuning

Preset your favorite stations and tune them in directly.

Presetting stations

1 Press TUNER/BAND to select a band.

2 Press ◄◄ or ►► to tune in to the desired station.

3 Press ENTER (or ❚❚ PAUSE/SET on the unit) to store the station.
The preset number, beginning from "1", appears in the display.

4 Repeat step 1 to 3 to preset other stations.

• You cannot store more than a total of 32 preset stations. "FULL" appears.

Tuning in to preset stations

On the unit

1 Press TUNER/BAND to select a band.

2 Press ►PRESET repeatedly or turn MULTI JOG.
With each press, the station with the succeeding preset number is tuned in.

On the remote

1 Press SHIFT+BAND to select a band.

2 Press the numbered buttons for the preset number of your desired station.
- To select preset number 10, press 0/10.
- To select preset number 15, press +10 and 5.
- To select preset number 20, press +10, +10 and 0/10.

• Pressing I◄◄ or ►►I repeatedly can also select the preset number.

To clear a preset station
1 Tune in to the station by preset tuning.
2 Press ■CLEAR on the unit (CLEAR on the remote), then press ENTER within 6 seconds.
Preset numbers of preset stations in the band with higher numbers decrease by one.

Adjustments

Antennas

Keep antennas away from metallic objects, electrical equipment and cords.

FM antenna: Extend fully and position for the best reception. If receiving condition is poor, connect optional outdoor antenna to Y FM 75 Ω terminal. Use an adapter as required.

AM antenna: Rotate to find best reception.

To switch to monaural FM reception

Press SHIFT+TUNER MODE on the remote. With each press, "MONO" and "STEREO" appear alternately in the display.

Tip:

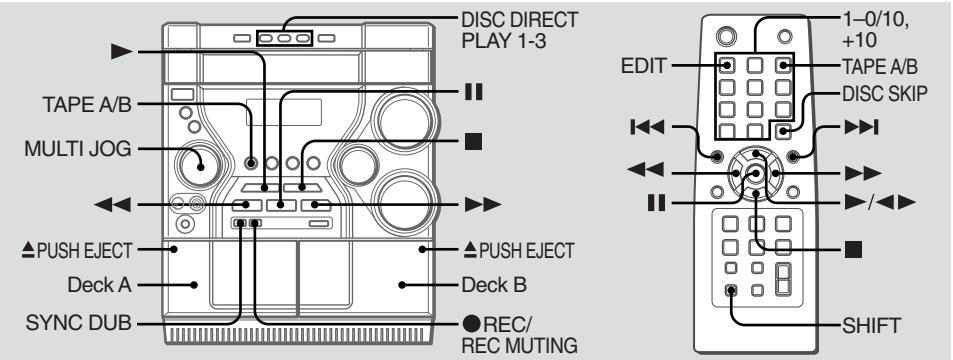
When FM stereo reception is poor, switching to monaural reduces noise.

To switch the AM tuning interval

Hold down TUNER/BAND and press POWER on the unit. With each press, the AM tuning interval alternates between 9 kHz/step and 10 kHz/step.

Tip:

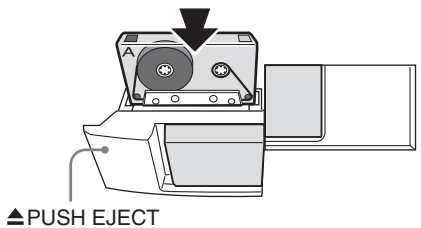
The default is 9 kHz/step. Change it only when using the unit in a 10 kHz/step area. Switching AM tuning interval clears all the preset stations.



Playback

Use only TYPE I (normal) tapes.

1 Press TAPE A/B (SHIFT+TAPE A/B on the remote) and insert the tape in either deck.
Press ⏏PUSH EJECT to open the cassette holder, and insert with the exposed side down and playback side facing out from the unit. Push ⏏PUSH EJECT to close.



2 Press ►(►/◄►on the remote).

To stop playback
Press ■.

To pause playback (deck B only)
Press ❚❚. Press again to resume.

To fast forward or rewind
Press ◄◄ or ►►.

To select a deck (deck A or deck B)
Press TAPE A/B (SHIFT+TAPE A/B on the remote) in stop mode when tapes are loaded in both decks.
"TP A" (deck A) or "TP B" (deck B) is displayed.

To reset the tape counter
Press ■ in stop mode, and the tape counter in the display is reset to "0000". Opening and closing the cassette holder will also reset the tape counter.

To play continuously (deck A to deck B)
Load tapes in both decks and start playback on deck A. Then, as soon as playback on deck A finishes, playback on deck B will start without interruption.

- The both decks play one side of the tapes.

Notes on cassettes

- Use of a tape longer than 90 minutes is not recommended since they are extremely thin and easily damaged. If you should use it, do not change the tape operations such as play and stop frequently.
- Take up any slack in the tape with a pencil or similar tool before use. Slack tape may get entangled in the deck mechanism and become damaged.

Basic recording

Use only TYPE I (normal) tapes. Deck B is the recording deck. Only one side of the tape can be recorded at a time.

1 Insert the recordable tape in deck B.
Press ⏏PUSH EJECT to open the cassette holder, and insert with the exposed side down and the side to be recorded on facing out from the unit.
Wind up the tape to the desired point if needed.

2 Prepare the source.
To record CD(s), select the CD function and load disc(s).
To record a radio program, tune in to the desired station.
To record a tape, insert the source tape in deck A and select the TAPE (deck A) function.
To record from connected external equipment, select the VIDEO/AUX function and prepare the equipment.

3 Press ●REC/REC MUTING to start recording.
When recording a CD or tape, playback starts automatically.
When recording input from connected equipment, manually start playback of the source.

- Volume or tone adjustment does not affect recording.
- "NO TAB" is displayed if you attempt to record a tape with the tab broken off.

To stop recording
Press ■.

To pause recording (only for TUNER or VIDEO/AUX source)
Press ❚❚. Press again to resume.

To record a selected set of tracks from a CD
Program the desired tracks (see "Programed playback") and then press ●REC/REC MUTING.

To record a 4-second blank space (only for TUNER or VIDEO/AUX source)
1 Press ● REC/REC MUTING during recording or in recording pause mode.
"REC MUTING" flashes in the display for 4 seconds (a blank space is made in the meantime) and then the unit enters recording pause mode.
To record less than a 4-second blank space, press ●REC/REC MUTING again while "REC MUTING" flashes. Recording resumes so that do not carry out step 2 below.
To record more than a 4-second blank space, press ●REC/REC MUTING again after the unit enters recording pause mode. Each time the button is pressed, a 4-second blank space is added.
2 Press ❚❚ to resume recording.

To erase a tape
1 Insert the tape in deck B. Set the tape to the desired point if needed.
2 Press TAPE A/B to select "TP B".
3 Press ●REC/REC MUTING.

Whole tape dubbing

1 Press TAPE A/B to select the TAPE function.

2 Insert the original tape in deck A and the recordable tape in deck B.

3 Press SYNC DUB.
The tapes are rewound to the beginning of the front side and recording starts.

- Dubbing cannot start from a point halfway in the tape.
- Only one side of the tape can be recorded at a time.

To stop dubbing
Press ■.

Edited CD recording

AI Edit Recording

When recording a whole CD, AI Edit Recording takes the length of your tape into account and rearranges the recording order of the tracks if necessary, so that no track is cut short at the end of the side. Prepare a tape long enough to record the CD.

1 Insert the recordable tape in deck B.

2 Select the CD function and load disc(s).

3 Press SHIFT+EDIT once on the remote.
"AI C-00" appears.

4 Press DISC DIRECT PLAY 1-3 to select a disc.
- DISC SKIP on the remote can also be used to select a disc.

5 Press the numbered buttons on the remote to enter the length of the recordable tape.
10 to 99 minutes can be specified.
- For a 60-minute tape press 6 and 0/10.
In a few seconds, the unit determines the tracks to be recorded for each side.
The recording time left for side A appears in the display.
- ⏮ or ⏭ on the remote or MULTI JOG can also be used to specify tape length.

6 Press ●REC/REC MUTING to start recording on side A.
The tape is rewound to the beginning of side A and recording starts.
Go to the next step when recording on side A finishes.

7 Press SHIFT+EDIT on the remote.
The recording time left for side B appears in the display.

8 Turn over the tape and press ● REC/REC MUTING to start recording on side B.

- AI Edit Recording cannot be used with discs with more than 30 tracks. "TR OVER" appears.
- Recording cannot start from a point halfway in the tape.

En

Programed Edit Recording

As you program the CD tracks to record, Programed Edit Recording displays the remaining recording time for each side of the tape, so you can easily select a set of desired tracks within the length of your tape.

1 Insert the recordable tape in deck B.

2 Select the CD function and load disc(s).

3 Press SHIFT+EDIT twice on the remote.
"PRGM C-00" is displayed and "PGM" lights up.

4 Press the numbered buttons on the remote to enter the length of the recordable tape.
10 to 99 minutes can be specified.
- ⏮ or ⏭ on the remote or MULTI JOG can also be used to specify tape length.

5 Press DISC DIRECT PLAY 1-3 to select a disc. Then, press the numbered buttons on the remote to select the first track to be recorded on side A.
- To select the 10th track, press 0/10.
- To select the 20th track, press +10, +10 and 0/10.
- To select the 25th track, press +10, +10 and 5.
- DISC SKIP on the remote can also be used to select a disc.

6 Repeat step 5 to select the rest of the tracks for side A.
The remaining recording time of side A is displayed. You cannot select a track with a longer playing time.

7 Press SHIFT+EDIT on the remote to switch to side B and select the tracks for the side.

8 Press SHIFT+EDIT on the remote to switch back to side A.

9 Press ● REC/REC MUTING to start recording on side A.
The tape is rewound to the beginning of side A and recording starts.
Go to the next step when recording on side A finishes.

10 Press SHIFT+EDIT on the remote to switch to side B.

11 Turn over the tape, and press ● REC/REC MUTING to start recording on side B.

- You cannot program more than 30 tracks. "FULL" is displayed.
- You cannot program a track with a track number larger than 30.
- Recording cannot start from a point halfway in the tape.

To stop recording
Press ■. Recording and CD playback stop simultaneously.

To check the program
1 Before recording, press SHIFT+EDIT on the remote to select side A or B.
2 Press ⏮ or ⏭ on the remote repeatedly or turn MULTI JOG . The track number and program number are displayed in succession.

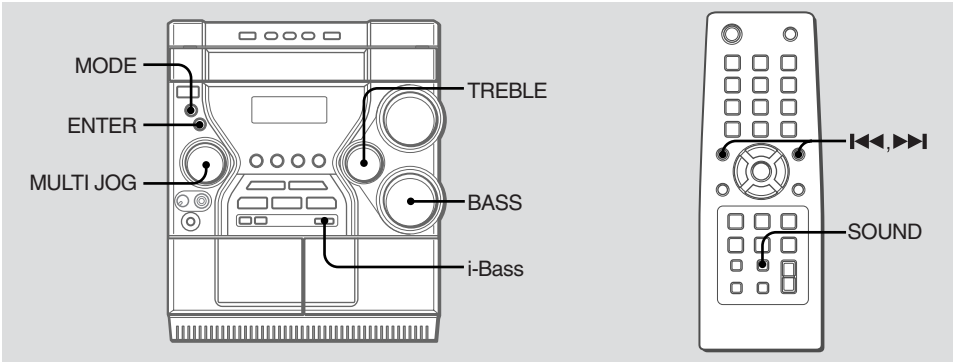
To change the program of each side
Press SHIFT+ EDIT on the remote to select side A or B, and press ■ to clear the program for the selected side. Then, select tracks again.

To clear the edit program
Press ■ twice in stop mode.

To prevent accidental erasure

Remove the plastic tab of the cassette tape with a screwdriver or other pointed tool. To record on the tape again, cover the detection slot with adhesive tape.

SOUND ADJUSTMENTS



BASS

Emphasizes low frequencies for a powerful sound.

Turn BASS to adjust from 0 to 5.

On the remote, press SOUND repeatedly until "BASS" appears in the display and then press I◀◀ or ▶▶I repeatedly within 6 seconds.

- When the sound becomes distorted with the BASS effect, cancel it.

TREBLE

Enhances high frequency for sound clarity.

Turn TREBLE to adjust from 0 to 5.

On the remote, press SOUND repeatedly until "TREBLE" appears in the display and then press I◀◀ or ▶▶I repeatedly within 6 seconds.

- When the sound becomes distorted with the TREBLE effect, cancel it.

i-Bass

Produces rich and clear low frequency sound besides BASS effect.

1 Press i-Bass to select "I-BASS ON".
The red indicator on i-Bass button lights up.

2 Turn BASS to adjust from 1 to MAX(5).

To select the frequency range for i-Bass effect

1 Press i-Bass to select "I-BASS ON".
2 Press MODE repeatedly until "IBAS FREQ?" appears in the display and then press ENTER.
3 Turn MULTI JOG to select one of the three frequency ranges (FREQ 1, 2 and 3).
   - FREQ 1: Low range
   - FREQ 2: Middle range
   - FREQ 3: High range

After step 3, adjust the i-Bass level by turning BASS if needed.

If there is no MULTI JOG or button operation within 6 seconds, the setting is canceled.

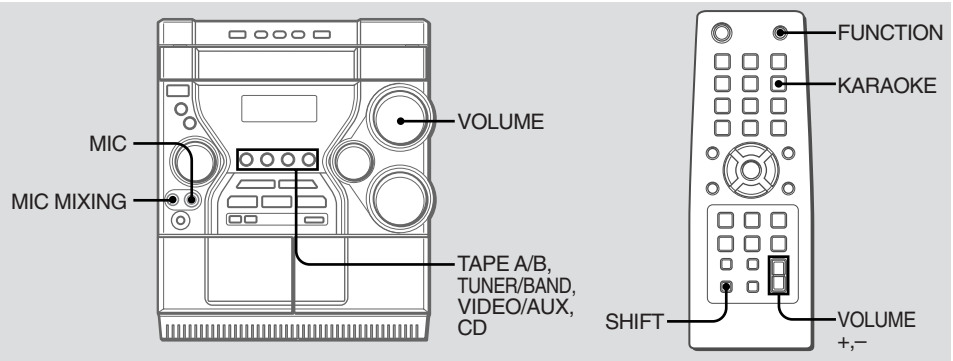
To cancel i-Bass

Press i-Bass to select "I-BASS OFF".

Note

When "I-BASS ON" is selected, BASS is deactivated; therefore, you cannot select "BASS" with SOUND on the remote. To activate BASS, cancel i-Bass.

En



En

Microphone mixing

Use a microphone with a standard plug (ø6.3 mm).

1 Connect your microphone to the MIC jack.

2 Press one of the function buttons to select the source to be mixed, and play the source.

3 Adjust the volume and tone of the source.

4 Turn MIC MIXING to adjust the microphone volume.

- Keep microphone away from the speakers and adjust its volume to avoid feedback noise and distortion.
- When the microphone is not in use, turn MIC MIXING to MIN and remove it from the MIC jack. Pull it out by the plug, not the cord.
- If the microphone is connected during recording, its input is recorded mixed with the sound source.
- Use of a unidirectional microphone is recommended to prevent howling.

Multiplex function

Use Multiplex function for multi audio sources.

Press SHIFT+KARAOKE on the remote repeatedly to select one of the following Multiplex modes.

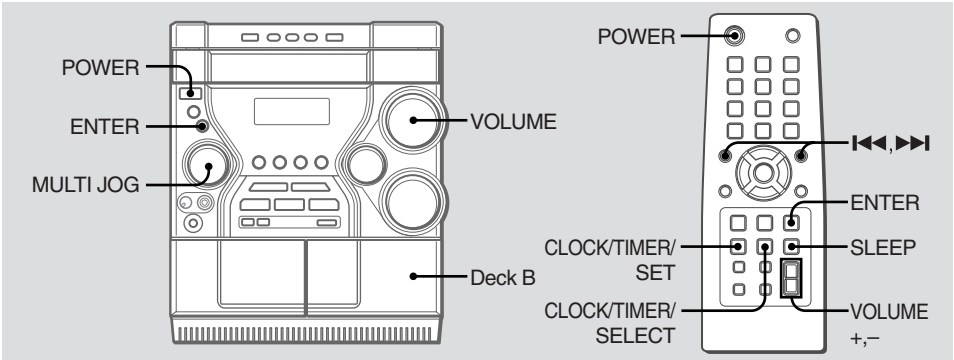
- MPX-LCH (Multiplex): Left channel of the source is heard from both speakers and the right channel of the source is muted.
- AUTO MPX-L (Auto Multiplex): Left channel of the source is heard from both speakers and the right channel of the source is muted while there is audio input through microphones.
- MPX-RCH (Multiplex): Right channel of the source is heard from both speakers and the left channel of the source is muted.
- AUTO MPX-R (Auto Multiplex): Right channel of the source is heard from both speakers and the left channel of the source is muted while there is audio input through microphones.

- Sound source is played in monaural in Multiplex.
- Multiplex is canceled when the function is changed or the unit is turned off.

To cancel the karaoke mode

Press SHIFT+KARAOKE on the remote repeatedly until "MPX-OFF" appears.

TIMER OPERATIONS



Sleep timer

Turns off the unit automatically after a specified time.

Press SLEEP on the remote repeatedly.
With each press, the timer duration changes cyclically as follows:

"AUTO"* → "90" → "80" → - - - → "10" → "OFF"

The unit turns off after the selected time.
* "AUTO": The unit turns off when the current CD or tape finishes the playback (for up to 100 minutes).

Tip:
The display is dimmed while the sleep timer is active.

To check the remaining time until the unit turns off
Press SLEEP on the remote once. The remaining time is displayed for 6 seconds.

To cancel the sleep timer
Press SLEEP on the remote repeatedly until "SLEEP OFF" appears.

Timer playback

Turns on the unit at a specified time every day.
Make sure the clock is set correctly.

Use the remote from step 2.

1 Prepare the source.
To play CD(s), load disc(s).
To play the radio, select the band and tune in to the desired station or tune in to a preset station (see "Tuning in to preset stations").
To play a tape, insert the tape and select the deck.

2 Press VOLUME +, – to set the volume level.

3 Press CLOCK/TIMER/SET to display "DAILY PLAY" and then press ENTER.
"🕘" indicator lights up and "ON TIME" appears for a moment.
If "DAILY PLAY" is not displayed, set the clock (see "Setting the clock") and carry out from this step again.

4 Press ⏮ or ⏭ repeatedly to set the timer-on hour and then press ENTER.

5 Press ⏮ or ⏭ to set the timer-on minute and then press ENTER.
"OFF TIME" appears for a moment.

6 Repeat step 4 and 5 to set the timer-off hour and minute.

7 Press ⏮ or ⏭ to select the source (CD, TAPE and TUNER) and then press ENTER.
The timer-on time, the timer-off time and source are displayed.

8 Press POWER to turn the unit off.
The unit turns on at the specified timer-on time and plays the selected source and then turns off at the specified timer-off time.

- To stop timer setting in step 3 to 6, press CLEAR on the remote. Timer standby mode is also canceled.
- The Timer playback will not begin unless the unit is turned off first.
- Turning VOLUME on the unit is also available in step 2.
- MULTI JOG is also available in place of ⏮ or ⏭.

To display the timer setting
Press CLOCK/TIMER/SELECT on the remote repeatedly until "DAILY PLAY" appears. The timer-on time, the timer-off time and the source are displayed.

To change the timer setting
Re-set the timer again.

To cancel the timer
Press CLOCK/TIMER/SELECT on the remote repeatedly until "TIMER OFF" appears. "🕘" disappears from the display.

En

Timer recording

Turns on the unit and makes recording once at a specified time. Timer recording is available only for TUNER source.

Use the remote from step 3.

1 Prepare the TUNER source.
Select the band and tune in to the desired station or tune in to a preset station (see "Tuning in to preset stations").

2 Prepare the recording destination.
Insert the recordable tape in deck B.

3 Press CLOCK/TIMER/SET to display "DAILY PLAY".
If "DAILY PLAY" is not displayed, set the clock (see "Setting the clock") and carry out from this step again.

4 Press ⏮ or ⏭ repeatedly until "ONCE REC" appears in the display and then press ENTER.
"REC ⏲" indicator lights up and "ON TIME" appears for a moment.

5 Carry out step 4 to step 6 described in "Timer playback" to set the timer-on time and timer-off time.
The timer-on time, the timer-off time and source (TUNER) are displayed.

6 Press POWER to turn the unit off.
The unit turns on at the specified timer-on time and records the source (TUNER) and then turns off at the specified timer-off time.

- To stop timer setting in step 3 to 4, press CLEAR on the remote. Timer standby mode is also canceled.
- The Timer recording will not begin unless the unit is turned off first.
- Volume level is automatically set to 0 (minimum) when the Timer recording is activated.
- MULTI JOG is also available in place of ⏮ or ⏭.

To display the timer setting
Press CLOCK/TIMER/SELECT on the remote repeatedly until "ONCE REC" appears. The timer-on time, the timer-off time and the source (TUNER) are displayed.

To change the timer setting
Re-set the timer again.

To cancel the timer
Press CLOCK/TIMER/SELECT on the remote repeatedly until "TIMER OFF" appears. "REC ⏲" disappears from the display.

Notes

- The Timer playback performs every day at the specified time unless you cancel it. However, the Timer recording performs only once: it automatically cancels itself when the recording finishes.
- You cannot set the same time for timer-on time and timer-off time. "SET NG" is displayed if you do that. In this case, reset the time.
- You cannot select both the Timer playback and the Timer recording at the same time. You must select either one with CLOCK/TIMER/SELECT on the remote.
- When you use the sleep timer, the timer playback/recording will not turn on the unit until the sleep timer turns it off.

Care and maintenance

Occasional care and maintenance of the unit and the software are needed to optimize the performance of your unit.

To clean the cabinet

Use a soft and dry cloth. If the unit surfaces are extremely dirty, use a soft cloth lightly moistened with mild detergent solution. Do not use strong solvents such as alcohol, benzine or thinner.

To clean the tape heads

Dirty tape heads cause sound deterioration. After every 10 hours of use, clean the tape heads by using sold dry-type or wet-type head cleaning cassette separately. Refer to the instructions of the cleaning cassette.

To demagnetize the tape heads

Use a sold demagnetizing cassette after every 20 to 30 hours of use. Refer to the instructions of the demagnetizing cassette.

Care of CDs

When a CD becomes dirty, wipe it from the center out with a cleaning cloth. However, do not use solvents. After playing a CD, store it in its case. Do not expose a CD to direct sunlight or heat sources.

Care of tapes

Store tapes in their cases after use. Do not leave tapes near magnets, motors, television sets, or any source of magnetism. Do not expose tapes to direct sunlight, or leave them in a car parked in direct sunlight.

Troubleshooting

If your unit fails to perform properly, check the following guide and the relevant sections of the Operating Instructions.
First, check that the AC power cord and the speakers are connected correctly and firmly.
Should any problem persist, consult your nearest Aiwa dealer.

General

There is no sound.
- Are the speakers and AC power cord connected properly?
- Turn VOLUME clockwise and hold.
- The headphones are connected.
- Insert only the stripped portion of the speaker cord into the SPEAKER terminal. Inserting the vinyl portion of the speaker cord will obstruct the speaker connections.

The unit shut off suddenly.
- Possibly a short circuit in the speaker terminals. Disconnect the AC power cord from the wall outlet and reconnect the speaker cords correctly. After a while, connect the AC power cord to the wall outlet.

The unit blacks out when the unit is turned off.
- ECO mode is set to on (see "ECO mode" on page 8).

Erroneous display.
- Reset the unit (see "Resetting the unit" on page 22).

There is severe hum or noise.
- A TV or VCR is placed too close to the stereo system. Move the stereo system away from the TV or VCR.

The clock indication does not show the correct time.
- A power interruption occurred. Set the clock and timer settings again.

The clock setting/radio presetting/timer is canceled.
- The AC power cord is disconnected or a power failure occurs longer than half a day.
  Redo the following:
  - "Setting the clock" on page 9
  - "Presetting stations" on page 12
  If you have set the timer, also redo "Timer playback/recording" on page 19 and 20.

The timer does not function.
- Set the clock correctly.
- When you used the Sleep timer, the Timer playback/recording will not turn on the unit until the Sleep timer turns it off.

The remote does not function.
- There is an obstacle between the remote and the unit.
- The remote is not pointing in the direction of the unit's remote sensor.
- The batteries have run down. Replace the batteries.

Speakers

Sound comes from one channel or unbalanced left and right volume.
- Check the speaker connection and speaker placement.

Sound lacks bass.
- Check that the SPEAKER's ⊕ and ⊖ terminals are connected correctly.

CD player

The disc compartment does not close.
- The CD is not placed properly.

The sound drops out.
- The lens is dirty. Clean it with a commercially available blower.

En

The CD will not play.
- The CD is not lying flat in the disc compartment.
- The CD is dirty.
- The CD is inserted label side down.
- Moisture condensation has built up. Remove the CD and leave the system turned on for about an hour until the moisture evaporates.

Tape Deck

The tape does not record.
- No tape in deck B.
- The tab has been removed from the cassette tape.
- The tape has reeled to the end.

The tape does not record nor play or there is decrease in sound level.
- The heads are dirty. Clean them (see "To clean the tape heads" on page 21).
- The record/playback heads are magnetized. Demagnetize them (see "To demagnetize the tape heads" on page 21).

The tape does not run.
- Is the deck in pause?

The tape does not erase completely.
- The record/playback heads are magnetized. Demagnetize them (see "To demagnetize the tape heads" on page 21).

There is excessive wow or flutter, or the sound drops out.
- The capstans or pinch rollers are dirty. Clean them (see "To clean the tape heads" on page 21).

Noise increases or the high frequencies are erased.
- The record/playback heads are magnetized. Demagnetize them (see "To demagnetize the tape heads" on page 21).

Poor tape sound.
- Use TYPE I (normal) tapes.

Tuner

Noise is heard or poor reception.
- Check the antenna connections.
- For FM, move the FM antenna to reduce the noise.
- For AM, re-rotate the AM antenna to reduce the noise.
- Move the unit and the antennas away from other electric appliances and cords.

Resetting the unit

If an unusual condition occurs in the display window or the cassette deck, reset the unit as follows:

1 Press POWER to turn off the power.
If the power cannot be turned off, disconnect the AC power cord, then plug it in again.

2 Hold down ■ and press POWER.
Everything stored in memory after purchase is cleared.

Specifications

MAIN UNIT CX-JN1

TUNER

FM tuning range	87.5 MHz to 108 MHz
FM usable sensitivity (IHF)	13.2 dBf
FM antenna terminal	75 ohms (unbalanced)
AM tuning range	531 kHz to 1602 kHz (9 kHz step) 530 kHz to 1710 kHz (10 kHz step)
AM usable sensitivity	350 µV/m
AM antenna	Loop antenna

AMPLIFIER

Power output	Rated: 36 W + 36 W (1 kHz, T.H.D. 1 %, 6 ohms) Reference: 45 W + 45 W (1 kHz, T.H.D. 10 %, 6 ohms)
Total harmonic distortion	0.08 % (18 W, 1 kHz, 6 ohms, DIN AUDIO)
Input	VIDEO/AUX: 400 mV MIC: 1.7 mV (10 k ohms)
Outputs	SPEAKER: 6 ohms or more PHONES: 32 ohms or more

CASSETTE DECK

Track format	4 tracks, 2 channels stereo
Frequency response	50 Hz – 8 kHz
Recording system	AC bias
Heads	Deck A: playback x 1 Deck B: recording/playback x 1, erase x 1

CD PLAYER

Laser	Semiconductor laser (λ = 780 nm) Emission duration: continuous
D/A converter	1 bit dual
Signal-to-noise ratio	85 dB (1 kHz, 0 dB)
Harmonic distortion	0.05 % (1 kHz, 0 dB)

GENERAL

Power requirements	110 - 120V / 220 - 240V AC (Switchable), 50 Hz/60 Hz
Power consumption	74 W
Power consumption in standby mode	With ECO mode on: 0.25 W With ECO mode off: 15 W
Dimensions (W x H x D)	280 x 330 x 392.5 mm
Weight	6.8 kg

FRONT SPEAKERS SX-JN1

Speaker system	3 way, bass reflex
Speaker units	Woofer: 120 mm cone Tweeter: 50 mm cone Super tweeter: 20 mm ceramic
Impedance	6 ohms
Dimensions (W x H x D)	245 x 327 x 261 mm
Weight	3.1 kg

Supplied accessories

Remote commander (1)
Batteries (2)
FM antenna (1)
AM antenna (1)

Specifications and external appearance are subject to change without notice.

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